

VIA eFILE
Form PTO-1449

Sheet 1 of 9

Applicant: Sriram Subramanian, et al.
Serial No.: 10/693,630
Filing Date: October 23, 2003
Confirmation No.: 1530
For: MEDIA INTEGRATION LAYER

Attorney Docket No.: 13768.783.230
Art Unit: 2628

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner <u>Initial*</u>		Patent <u>Number</u>	Issued <u>Date</u>	<u>Name</u>	<u>Class</u>	Sub <u>Class</u>	Filing <u>Date</u>
<u>/E.W./</u>	A1.	7,161,599	01/09/07	Beda	345	418	06/27/02
<u>/E.W./</u>	A2.	6,919,891	07/19/05	Schneider	345	440	06/27/02
<u>/E.W./</u>	A3.	7,064,766	06/20/06	Beda	345	557	06/27/02
<u>/E.W./</u>	A4.	7,126,606	10/24/06	Beda	345	473	03/27/03
<u>/E.W./</u>	A5.	7,088,374	08/08/06	David	345	420	03/27/03
<u>/E.W./</u>	A6.	6,266,053	07/24/01	French	345	302	04/03/98
<u>/E.W./</u>	A7.	6,154,215	11/28/00	Hopcroft	345	418	08/01/97
<u>/E.W./</u>	A8.	5,852,449	12/22/98	Esslinger	345	473	01/27/92
<u>/E.W./</u>	A9.	6,215,495	04/10/01	Grantham	345	419	05/30/97
<u>/E.W./</u>	A10.	6,487,565	11/26/02	Schechter	707	500.100	12/29/98
<u>/E.W./</u>	A11.	6,751,655	04/18/00	Deutsch	709	203	04/18/00
<u>/E.W./</u>	A12.	6,714,201	03/30/04	Grinstein	345	474	04/14/00
<u>/E.W./</u>	A13.	5,553,222	09/03/96	Milne	395	154	12/19/95
<u>/E.W./</u>	A14.	6,731,314	05/04/04	Cheng	345	848	08/16/99
<u>/E.W./</u>	A15.	5,555,368	09/10/96	Orton	395	157	12/30/93
<u>/E.W./</u>	A16.	6,075,532	06/13/00	Colleran	345	340	03/23/98

Examiner: /Eric Woods/

Date Considered: 06/29/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Sheet 2 of 9

Applicant: Sriram Subramanian, et al.
Serial No.: 10/693,630
Filing Date: October 23, 2003
Confirmation No.: 1530
For: MEDIA INTEGRATION LAYER

Attorney Docket No.: 13768.783.230
Art Unit: 2628

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents (continued)

<u>Examiner</u> <u>Initial*</u>	<u>Patent</u> <u>Number</u>	<u>Issued</u> <u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub</u> <u>Class</u>	<u>Filing</u> <u>Date</u>
/E.W./ A17.	5,920,325	07/06/99	Morgan	345	473	11/20/96
/E.W./ A18.	5,500,933	03/19/96	Schnorf	395	154	12/20/94
/E.W./ A19.	5,261,041	11/09/93	Susman	395	152	12/28/90
/E.W./ A20.	5,986,675	11/16/99	Anderson	345	473	05/24/96
/E.W./ A21.	7,143,339	11/28/06	Weinberg	707	509	09/20/01
/E.W./ A22.	7,069,503	06/27/06	Tanimoto	715	513	05/30/02
/E.W./ A23.	7,055,092	05/30/06	Yardumian	715	513	12/05/01
/E.W./ A24.	6,919,891	07/19/05	Schneider	345	440	06/27/02
/E.W./ A25.	6,014,139	01/11/00	Watson	345	339	04/01/99
/E.W./ A26.	7,076,332	07/11/06	Cifra	700	245	01/18/02
/E.W./ A27.	5,930,810	07/27/99	Farros	707	506	08/09/95
/E.W./ A28.	6,237,092	05/22/01	Fillmore	713	100	05/05/98
/E.W./ A29.	6,243,856	06/05/01	Meyer	717	001	02/03/98
/E.W./ A30.	6,275,857	08/14/01	McCartney	709	226	10/30/96
/E.W./ A31.	6,314,470	11/06/01	Ward	709	328	07/25/97
/E.W./ A32.	6,717,599	04/06/04	Olano	345	853	06/29/00
/E.W./ A33.	6,741,242	05/25/04	Itoh	345	419	07/17/00

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Sheet 3 of 9

Applicant: Sriram Subramanian, et al.

Serial No.: 10/693,630

Attorney Docket No.: 13768.783.230

Filing Date: October 23, 2003

Art Unit: 2628

Confirmation No.: 1530

For: MEDIA INTEGRATION LAYER

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents (continued)

<u>Examiner</u> <u>Initial*</u>	<u>Patent</u> <u>Number</u>	<u>Issued</u> <u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub</u> <u>Class</u>	<u>Filing</u> <u>Date</u>
/E.W./ A34.	6,195,694	02/27/01	Chen	709	220	11/19/97
/E.W./ A35.	6,243,856	06/05/01	Meyer	717	001	02/03/98
/E.W./ A36.	6,272,650	08/07/01	Meyer	714	038	02/03/98
/E.W./ A37.	6,732,109	05/04/04	Lindberg	707	101	01/31/01
/E.W./ A38.	6,377,263	04/23/02	Falacara	345	473	08/04/97
/E.W./ A39.	6,986,101	01/10/06	Cooper	707	513	05/06/99
/E.W./ A40.	7,103,873	09/05/06	Tanner	717	109	02/09/01
/E.W./ A41.	6,411,297	06/25/02	Tampieri	345	426	03/03/99
/E.W./ A42.	6,765,571	07/20/04	Sowizral	345	420	01/11/01
/E.W./ A43.	6,092,107	07/18/00	Eleftheriadis	709	217	04/07/98
/E.W./ A44.	6,675,230	01/06/04	Lewallen	709	328	08/22/00
/E.W./ A45.	5,986,667	11/16/99	Jevans	345	433	12/22/94
/E.W./ A46.	5,487,172	01/23/96	Hyatt	395	800	09/20/91
/E.W./ A47.	6,259,451	07/10/01	Tesler	345	419	04/25/97
/E.W./ A48.	6,538,656	03/25/03	Cheung	345	519	08/18/00
/E.W./ A49.	7,012,606	03/14/06	Swedberg	345	420	10/23/03
/E.W./ A50.	6,707,456	03/16/04	Marrin	345	473	08/03/00

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE

Form PTO-1449

Sheet 4 of 9

Applicant: Sriram Subramanian, et al.

Serial No.: 10/693,630

Attorney Docket No.: 13768.783.230

Filing Date: October 23, 2003

Art Unit: 2628

Confirmation No.: 1530

For: MEDIA INTEGRATION LAYER

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Publication Documents

<u>Examiner Initial*</u>	<u>Publication Number</u>	<u>Pub. Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub Class</u>	<u>Filing Date</u>
/E.W./	A51. 2002/0063704	05/30/02	Sowizral	345	522	01/11/01
/E.W./	A52. 2004/0216139	10/28/04	Rhoda	709	320	08/21/02
/E.W./	A53. 2004/0220956	11/04/04	Dillon	707	102	04/30/04
/E.W./	A54. 2001/0000962	05/10/01	Rajan	375	240.010	12/12/00
/E.W./	A55. 2002/0032697	03/14/02	French	345	440	06/06/01
/E.W./	A56. 2002/0046394	04/18/02	Do	717	100	12/06/00
/E.W./	A57. 2003/0028901	02/06/03	Shae	370	487	06/14/01
/E.W./	A58. 2003/0120823	06/26/03	Kim	709	310	04/29/02
/E.W./	A59. 2004/0110490	06/10/04	Steele	455	412.100	09/19/2003
/E.W./	A60. 2005/0060648	03/17/05	Fennelly	715	523	07/30/04
/E.W./	A61. 2004/0015740	01/22/04	Dautelle	710	005	07/11/03
/E.W./	A62. 2004/0039496	02/26/04	Dautelle	345	619	07/11/03
/E.W./	A63. 2004/0093604	05/13/04	Demsey	709	001	11/13/02
/E.W./	A64. 2003/0110297	06/12/03	Tabatabai	709	246	10/29/02
/E.W./	A65. 2005/0050471	03/03/05	Hallisey	345	853	08/26/03

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Sheet 5 of 9

Applicant: Sriram Subramanian, et al.
Serial No.: 10/693,630
Filing Date: October 23, 2003
Confirmation No.: 1530
For: MEDIA INTEGRATION LAYER

Attorney Docket No.: 13768.783.230
Art Unit: 2628

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Application Documents

<u>Examiner</u> <u>Initial*</u>	<u>Application</u> <u>Number</u>	<u>Name</u>	<u>Class</u>	<u>Sub</u> <u>Class</u>	<u>Filing</u> <u>Date</u>
<u>/E.W./</u> A66.	11/555,040	Beda	345	506	10/31/06
<u>/E.W./</u> A67.	11/165,756	Schneider	345	440	06/23/05
<u>/E.W./</u> A68.	11/455,166	Beda	345	506	06/16/06
<u>/E.W./</u> A69.	11/454,719	Beda	345	506	06/16/06
<u>/E.W./</u> A70.	10/693,822	Blanco	345	473	10/23/03
<u>/E.W./</u> A71.	10/401,717	Beda	345	473	03/27/03
<u>/E.W./</u> A72.	10/693,673	Beda	345	619	10/23/03
<u>/E.W./</u> A73.	10/693,633	Beda	345	619	10/23/03
<u>/E.W./</u> A74.	10/693,630	Subramanian	345	619	10/23/03
<u>/E.W./</u> A75.	11/499,257	David	345	420	08/04/06

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE

Form PTO-1449

Sheet 6 of 9

Applicant: Sriram Subramanian, et al.

Serial No.: 10/693,630

Attorney Docket No.: 13768.783.230

Filing Date: October 23, 2003

Art Unit: 2628

Confirmation No.: 1530

For: MEDIA INTEGRATION LAYER

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Reference Number</u>	<u>Pub. Date</u>	<u>Country or Patent Office</u>	<u>International Classification</u>	<u>Trans- lation</u>
/E.W./	A76. WO99/00725A	01/07/99	WIPO		
/E.W./	A77. WO99/52080A	10/14/99	WIPO		
/E.W./	A78. PCT Int'l Search Report & Written Opinion on App. No. PCT/US04/25723				2004
/E.W./	A79. Partial European Search Report in EP 02023604 documents considered relevant.				2005
/E.W./	A80. Australian Search Report, Application No. SG 200302787-7 completed 01/12/05				

Non-Patent Literature Documents

Examiner

Initial*

/E.W./	A81. Hyun Suk Kim et al: "Scene Graph for Dynamic Virtual Environment: Spangraph" International Journal of Virtual Reality, IPI Press, Colorado Springs, CO, US, vol. 4, no. 2, 2000, pages 12-18, OP001039706 ISSN: 1081-1451 *page 16, column 2*.
/E.W./	A82. Hudson, S.E. and Stasko, J.T., Animation Support in a User Interface Toolkit: Flexible, Robust, and Reusable Abstractions, ACM SIGGRAPH Symposium on User Interface Software and Technology, Atlanta, GA, 57-67, 1993.
/E.W./	A83. X3D specification (one section from Google cache), sections 6 and 18 – 2004 http://www.web3d.org/x3dspecifications/ISO-IEC-19775-IS-X3DAbstractSpecification/...

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE

Form PTO-1449

Sheet 7 of 9

Applicant: Sriram Subramanian, et al.

Serial No.: 10/693,630

Attorney Docket No.: 13768.783.230

Filing Date: October 23, 2003

Art Unit: 2628

Confirmation No.: 1530

For: MEDIA INTEGRATION LAYER

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

Non-Patent Literature Documents (continued)

Examiner

Initial*

/E.W./ A84. Walczak, K. and W. Cellary. "Building Database Applications of Virtual Reality with X-VRML". Proc. 7th. Int. Conf. on 3D Web Technology. 2002, SIGGRAPH. Pages 11-120. ISBN 1-58113-468-1.

/E.W./ A85. Parr, T. And T. Rohaly. "A language for creating and manipulating VRML." Proc. 1st Symposium on Virtual Reality Modeling Lang. 1995, pages 123-131.

/E.W./ A86. Hesina, G.; Schmalstieg, D.; Fuhmann, A.; Purgathofer, W. "Distributed Open Inventor: a practical approach to distributed 3D graphics." Proc. ACM Symp. On Virt. Reality Soft. And Tech. 1999, pages 74-81.

/E.W./ A87. Strauss, P. and R. Carey. "An Object-Oriented 3D Graphics Toolkit" SIGGRAPH (Proc. 19th Ann. Conf. on Comp. Graph. And Int. Tech.) 1992, pages 341-349.

/E.W./ A88. RIKK CARY, GAVIN BELL, CHRIS MARRIN: "International Standard iso/iec 14772-1: 1997 Virtual Reality Modeling Language (vrml97)" VRML 97, 1997 pages 1-236 XP002133320 page 7, paragraph 3.18: pages 89-99 section 6.20; page 149, paragraph B.2.

/E.W./ A89. SVG specification version 1.1, January 14, 2003 all sections.
<http://www.w3.org/TR/SVG>.

/E.W./ A90. Java 3D API Specification: Scene Graph Basics. Sun Microsystems, Inc. 1999.
<http://java.sun.com/products/java-media/3D/forDevelopers/j3dguide/SceneGraphOverview.doc.html>

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Sheet 8 of 9

Applicant: Sriram Subramanian, et al.
Serial No.: 10/693,630
Filing Date: October 23, 2003
Confirmation No.: 1530
For: MEDIA INTEGRATION LAYER

Attorney Docket No.: 13768.783.230
Art Unit: 2628

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

Non-Patent Literature Documents (continued)

Examiner
Initial*

- /E.W./ A91. SVG Tools, Adobe Illustrator, July 6, 2001 –
<http://web.archive.org/web/20010706131221/http://www.adobe.com/svg/tools/other.html>
- /E.W./ A92. Scalable Vector Graphics, Adobe SVG Viewer download area, November 2001 –
<http://www.adobe.com/svg/viewer/install/main.html>.
- /E.W./ A93. W3C Scalable Vector Graphics (SVG)-History- Nov 18, 2001
<http://www.w3.org/Graphics/SVG/History>
- /E.W./ A94. W3C consortium, "XML Base", W3c recommendation 27 June 2001.

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.